JOURNAL OF MENTAL DEFICIENCY RESEARCH

Edited by
W. I. Fraser

VOLUME 33
1989

Published on behalf of the Royal Society for
Mentally Handicapped Children and Adults by
Blackwell Scientific Publications

© 1989 Blackwell Scientific Publications Ltd

Authorization to photocopy for internal or personal use or for the internal or personal use of specific clients is granted by Blackwell Scientific Publications Ltd for libraries and other users registered within the Copyright Clearance Center (CCC) Transactional Reporting Service, provided that the base fee of $03.00 per copy is paid directly to the CCC, 27 Congress Street, Salem, MA 01970, USA. This consent does not extend to other kinds of copying, such as copying for general distribution for advertising or promotional purposes, for creating new collective works or for resale. Special requests should be addressed to the Editor 0022-264X/89 $03.00.

Published by Blackwell Scientific Publications Ltd
Osney Mead, Oxford OX2 0EL, England
8 John Street, London WC1N 2ES, England
23 Ainslie Place, Edinburgh EH3 6AJ, Scotland
3 Cambridge Center, Suite 208, Cambridge, MA 02142, USA
107 Barry Street, Carlton, Victoria 3053, Australia

ISSN 0022 264X

Set in Plantin

Printed in Great Britain
at the Devonshire Press, Torquay

Contents

Part 1

1 Habituation of optically evoked blink reflex in mentally retarded adults: B. GANDHAVADI and J. L. MELVIN

13 Responses to music and movement in the development of children with Down's syndrome: B. STRATFORD and E. Y. Y. CHING

25 Hospital to community: a pilot rehabilitation project for elederly mentally retarded: T. HARI SINGH and S. S. BALASUBRAMANIAM

31 The effects of stereotyped behaviour on orienting and tonic cardiac activity: W. E. MACLEAN JR, M. H. LEWIS, P. S. FIDLER, W. A. BRYSON-BROCKMANN and A. A. BAUMEISTER

41 Prevalence of dyskinesia and related movement disorders in a developmentally disabled population: R. K. STONE, J. E. MAY, W. F. ALVAREZ and G. ELLMAN

55 Analysis of ward staff initiatives towards mentally retarded residents: P. C. DUKER, J. BOONEKAMP, Y. TEN BRUMMELHUIS, Y. HENDRIX, M. HERMANS, J. VAN LEEUWE and D. SEYS

69 The use of drugs for physical conditions in adults with mental retardation: G. F. SEARLE, G. J. BERELOWITZ and E. C. WRIGHT

81 Neuroleptic-induced Parkinsonian side effects in the mentally handicapped: J. MURTI RAO, V. A. COWIE and B. MATHEW

87 Post mortem findings in a patient with 46,XX,fra(2)(q13): A. SMITH, J. SULLIVAN and W. A. EVANS

95 A method of displaying assessment information about people with multiple handicaps as a disability profile: J. ROHDE, R. FARMER, G. GLOVER and A. NURSEY

99 Book reviews

103 Announcements

Part 2

105 Attention disorder in a group of young Down's syndrome children: J. M. GREEN, J. DENNIS and L. A. BENNETS

123 The mentally handicapped person with epilepsy: a comparative study investigating psychosocial functioning: C. A. ESPIE, A. S. PASHLEY, K. G. BONHAM, I. SOURINDHRIN and M. O'DONOVAN

137 Teaching mentally handicapped adults how to use a cafeteria: F. J. BATY, A. M. MICHIE and W. R. LINDSAY

149 Lay people's judgements of storytellers as mentally retarded or not retarded: K. T. KERNAN, S. SABSAY and N. SHINN

159 Plasma amino acids in patients with senile dementia and in subjects with Down's syndrome at an age vulnerable to Alzheimer changes: S. E. WATKINS, D. E. THOMAS, M. CLIFFORD, S. F. TIDMARSH, A. E. SWEENEY, E. AH-SING, J. W. T. DICKERSON, V. A. COWIE and D. M. SHAW

167 Physical aptitudes to exertion in children with Down's syndrome: Y. EBERHARD, J. ETERRADOSSI and B. RAPACCHI

175 Williams' syndrome in adulthood: a case study focusing on psychological and psychiatric aspects: E. A. BRADLEY and O. UDWIN

185 A case of Down's syndrome, insulinoma and anorexia: J. R. MORGAN

189 Book Reviews

Part 3

193 Neuropsychological evaluation of adults with Down's syndrome: patterns of selective impairment in nondemented old adults: J. V. HAXBY

211 Basal metabolic rate in healthy Down's syndrome adults: M. B. SCHAPIRO and S. I. RAPOPORT

221 The view from Walter's window: social environment and the communicative competence of adults with a mental handicap: A. D. VAN DER GAAG

229 Assessing the understanding of emotional states in a population of adolescents and young adults with mental handicaps: J. REED and J. CLEMENTS

235 Prader Willi syndrome with hypothyroidism: M. S. BHATE, P. E. ROBERTSON, E. V. DAVIDSON and J. A. BRUMMITT

245 A behavioural intervention for Gilles de la Tourette syndrome in a severely mentally handicapped girl: E. ZARKOWSKA, B. CRAWLEY and J. LOCKE

255 Unbalanced form of translocation deletion between chromosomes 6 and 22 in a mentally handicapped female [45,XX,−6,−22,+der(6),t(6;22)(q25.1:q11.2)]: J. JANCAR and C. B. KARKI

261 Cystathioninuria in Down's syndrome: A. HESTNES, O. BORUD, H. LUNDE and L. GJESSING

267 The Miller-Dieker syndrome: a case report and review of the literature: M. G. A. IZMETH and E. PARAMESHWAR

271 Urinary levels of taurine in mentally retarded children: K. NALINI, A. R. AROOR and A. RAO

Part 4

275 Social competence as a future direction for early intervention programmes: M. J. GURALNICK

283 *S+ versus S−* fading in teaching visual discriminations to severely mentally handicapped children: S. C. STRAND

301 The social reception of mainstreamed children in the regular classroom: J. L. GILLMORE and A. FARINA

313 Occupational engagement of low-functioning individuals: extending the applicability of a computer-aided programme: G. E. LANCIONI, D. OLIVA, D. RAIMONDI and F. CIATTAGLIA

323 Akathisia in neuroleptic medicated mentally handicapped subjects: S. GANESH, J. MURTI RAO and V. A. COWIE

331 Tardive dyskinesia with schizophrenic relapse: S. H. JAWED and I. SINGH

335 Polycystic ovary disease, manic-depressive illness and mental retardation: M. GHAZIUDDIN

339 Neuroleptic malignant syndrome with hypomania and mental retardation: M. R. WARD and J. A. CORBETT

343 Dermatoglyphic indicators of congenital heart defects in Down's syndrome patients: a preliminary study: N. M. DURHAM and J. L. KOEHLER

349 Tuberous sclerosis: prevalence in the Grampian Region of Scotland: D. UMAPATHY and A. W. JOHNSTON

357 Announcement

Part 5

359 Editorial note

361 Obituary: Dr David Morris

363 Psychiatry and mental handicap: a historical perspective: A. H. REID

369 Episodic rage and aggression attributed to frontal lobe seizures: A. GEDYE

381 Assessing levels of state and arousal in individuals with profound handicaps: a research integration: L. STERNBERG and S. RICHARDS

389 Defining fragility of the elderly severely mentally handicapped according to mortality risk, morbidity, motor handicaps and social functioning: M. J. HAVEMAN and M. A. MAASKANT

399 Relaxation reduces disruption in mentally handicapped adults: C. H. McPHAIL and A. S. CHAMOVE

407 Meeting the emotional needs of handicapped people: a psycho-dynamic approach: P. FRANKISH

415 The integrated approach of yoga: a therapeutic tool for mentally retarded children: a one-year controlled study: K. UMA, H. R. NAGENDRA, R. NAGARATHNA, S. VAIDEHI and R. SEETHALAKSHMI

423 The psychometric properties of the Social Training and Achievement Record: II. Reliabilities and concurrent validities: J. OLURIN and P. STURMEY

429 Computer-assisted linguistic analysis of two mentally retarded psychotic females' texts: W. I. FRASER, K. KING and P. THOMAS

437 Announcements

Part 6

439 Neuro-developmental study of profoundly mentally handicapped children in hospital care: R. A. MINNS, B. WONG, J. K. BROWN and W. I. FRASER

455 Investigating stigma as stress in social interactions of parents: C. BAXTER

467 The prevalence of taurodontism in Down's syndrome: J. BELL, C. R. CIVIL, G. C. TOWNSEND and R. H. BROWN

477 Overview of a research programme designed to address key issues in the planning and delivery of services for people with mental handicap: J. GRIFFIN

487 Verbalization of appropriate and inappropriate cues in discrimination reversal learning by moderately mentally retarded children: T. UMETANI, S. KITAO and A. KATADA

493 School achievement in treated PKU children: K. FISHLER, C. G. AZEN, E. G. FRIEDMAN and R. KOCH

499 Atlanto-occipital instability in Down's syndrome: R. A. COLLACOTT, D. ELLISON, W. HARPER, C. NEWLAND and K. RAY-CHAUDHURT

507 Magnetic resonance imaging of moyamoya disease in a child with Down's syndrome: W. STORM and D. UHLENBROCK

511 Epilepsy in school children with intellectual impairments in Sheffield: the size and nature of the problem and the implications for service provision: C. SHEPHERD and G. HOSKING

515 Book Review

517 Author Index to Volume 33

521 Subject Index to Volume 33